



USDA-NASS

# Montana Crop & Livestock Reporter

survey results summary issued twice monthly by the  
**Montana Agricultural Statistics Service**

Issue: 03-11 (0279-0394) Released: June 12, 2003

## HIGHLIGHTS:

Winter Wheat Production  
Wheat Supply & Demand Estimates  
Barley County Estimates  
Ag Prices Received

### June 1, 2003 Crop Production Forecast

Montana winter wheat producers are expecting a yield of 38 bushels per acre based on June 1 conditions, up 10 bushels from last year and 2 bushels above last month's forecast. Based on the forecasted harvested acres of 1.7 million acres, total production would be 64.6 million bushels, up from 21.0 million bushels last year.

Winter wheat growing conditions have been favorable for crop development as rainfall has been timely during the month. Condition ratings improved during May and continue to be significantly better than the previous year. For the week ending June 1, the winter wheat crop was rated 1% very poor, 5% poor, 19% fair, 54% good, and 21% excellent. This compares with last year's drought devastated crop of 28% very poor, 28% poor, 26% fair, 17% good, and 1% excellent. Forty-five percent of the winter wheat crop was in the boot stage, compared to 15% last year and 37% for the 5-year average for the week ending June 1. Winter wheat is just beginning to head.

United States winter wheat production is forecast at 1.63 billion bushels, up 4 percent from the May 1 forecast and 42 percent above 2002. Based on June 1 conditions, the U.S. yield is forecast at 44.6 bushels per acre, up 1.7 bushels from the previous forecast. Grain area totals 36.4 million acres, unchanged from May 1. Hard Red production is up 7 percent from a month ago to 1.01 billion bushels. Soft Red is down 1 percent from last month and now totals 368 million bushels. White

production totals 253 million bushels, up 1 percent from last month.

### World Supply and Demand Estimates - June 1

With planting of spring crops still underway in the Northern Hemisphere and several months away in the Southern Hemisphere, these projections are highly tentative. Substantial variation may result from weather developments, economic factors, and policy changes. The June forecast of the National Agricultural Statistics Service (NASS) is used for U.S. winter wheat. For other U.S. crops, the March 31 NASS Prospective Plantings report is used for planted acreage, and methods used to project harvested acreage and yield are noted on each table.

Projected U.S. 2003/04 ending stocks of wheat are up 93 million bushels from last month due to larger supplies and unchanged use. Forecast winter wheat production is 63 million bushels above last month because of higher yields, especially in several major hard red winter (HRW) producing States. Forecast carryin stocks and projected imports are also increased from last month. Given the larger supplies, the projected price range is reduced 15 cents on each end to \$2.90 to \$3.50 per bushel. Forecast 2002/03 U.S. wheat ending stocks are up 20 million bushels from last month due to higher expected imports and lower exports.

The 2003/04 global outlook for wheat tightened further this month, with projected production dropping below year-earlier levels. Projected global consumption is trimmed slightly, but 2003/04 ending stocks are up due to the larger U.S. crop. Projected 2003/04 foreign production is down almost 10 million tons from last month, led by reductions for Australia, India, Ukraine, and Eastern Europe. The smaller crops result in lower prospective

exports and ending stocks for India and Eastern Europe, increased imports and reduced domestic use for Ukraine, and reduced stocks for Australia. The smaller prospective exports for India and Eastern Europe are offset by increased exports for Australia, Canada, and Russia. Global 2003/04 ending stocks are up slightly from last month, but foreign stocks are little changed. Projected EU stocks are sharply higher due to larger carryin stocks, reflecting a downward revision in 2002/03 domestic use. However, the combined stocks of the major foreign exporters (Argentina, Australia, Canada, and the EU) are only marginally higher than last month and below carryin levels.

The 2003/04 outlook of U.S. feed grains is little changed from last month, with no changes to production and use. Higher ending stocks reflect an adjustment in the forecast carryin. The projected price ranges for corn and the other feed grains are unchanged from last month. Corn prices in 2003/04 are projected to average from \$1.90 to \$2.30 per bushel, compared with a forecast of \$2.25 to \$2.35 for 2002/03. Forecast 2002/03 U.S. ending stocks of corn are 25 million bushels above last month due to lower prospective exports. Prospective exports are reduced due to increased competition from Argentina and Brazil. The 2003/04 outlook for global coarse grain has tightened considerably this month, with smaller prospective crops and expanding use resulting in lower ending stocks, especially for corn. A 4-million-ton reduction in China's corn crop accounts for most of the drop in total foreign coarse grain production. Global coarse grain trade is little changed from last month. Expanding use in Eastern Europe, Ukraine, and Russia reflects reduced supplies of wheat for feeding. China accounts for most of the drop in projected global 2003/04 ending stocks of corn and total coarse grains. (See table on back page.)

# BARLEY: Acreage, Yield, and Production, by Counties and Districts, 2002

COUNTY & DISTRICT	ALL					IRRIGATED			
	Planted Acres 1/	Harvested Acres	Yield Per Acre Bu.	Production		Planted Acres 1/	Harvested Acres	Yield Per Acre Bu.	Production Bu.
				Bushels	Rank				
Deer Lodge	--	--	--	--	--	--	--	--	--
Flathead	8,900	8,700	66	571,000	18	3,600	3,600	71	255,000
Granite	1,100	300	53	16,000	50	1,100	300	53	16,000
Lake	5,200	3,100	69	213,000	30	3,400	2,300	75	173,000
Lincoln	--	--	--	--	--	--	--	--	--
Mineral	--	--	--	--	--	--	--	--	--
Missoula	2,100	300	33	10,000	53	--	--	--	--
Powell	4,700	800	56	45,000	45	4,100	500	80	40,000
Ravalli	3,900	2,100	78	163,000	32	3,600	1,800	87	157,000
Sanders	1,300	400	38	15,000	52	--	--	--	--
Other	800	300	73	22,000	--	2,200	500	66	33,000
<b>NORTHWEST</b>	<b>28,000</b>	<b>16,000</b>	<b>66</b>	<b>1,055,000</b>	<b>--</b>	<b>18,000</b>	<b>9,000</b>	<b>75</b>	<b>674,000</b>
Blaine	29,700	22,300	43	949,000	12	--	--	--	--
Chouteau	75,700	72,500	24	1,722,000	7	--	--	--	--
Glacier	102,000	100,000	41	4,060,000	3	14,200	13,300	66	873,000
Hill	21,700	21,200	42	893,000	13	--	--	--	--
Liberty	24,400	23,800	43	1,018,000	10	--	--	--	--
Phillips	40,700	24,400	40	975,000	11	3,700	2,200	57	125,000
Pondera	135,000	128,000	52	6,646,000	1	42,500	42,000	71	2,971,000
Teton	116,000	114,000	53	6,022,000	2	57,500	57,000	72	4,112,000
Toole	49,800	48,800	42	2,059,000	4	--	--	--	--
Other	--	--	--	--	--	13,100	8,500	54	460,000
<b>NORTH CENTRAL</b>	<b>595,000</b>	<b>555,000</b>	<b>44</b>	<b>24,344,000</b>	<b>--</b>	<b>131,000</b>	<b>123,000</b>	<b>69</b>	<b>8,541,000</b>
Daniels	6,900	2,600	38	98,000	37	--	--	--	--
Dawson	23,000	15,400	29	444,000	21	800	600	57	34,000
Garfield	11,200	2,500	28	71,000	39	--	--	--	--
McCone	21,200	8,900	31	272,000	26	--	--	--	--
Richland	22,600	17,300	43	737,000	15	5,700	4,800	76	367,000
Roosevelt	15,500	11,900	39	462,000	20	--	--	--	--
Sheridan	17,700	13,100	30	397,000	22	--	--	--	--
Valley	19,900	10,300	33	339,000	24	--	--	--	--
Other	--	--	--	--	--	7,500	3,600	54	196,000
<b>NORTHEAST</b>	<b>138,000</b>	<b>82,000</b>	<b>34</b>	<b>2,820,000</b>	<b>--</b>	<b>14,000</b>	<b>9,000</b>	<b>66</b>	<b>597,000</b>
Broadwater	8,700	7,600	38	286,000	25	4,700	3,700	45	167,000
Cascade	53,600	51,000	34	1,727,000	6	12,500	11,800	62	734,000
Fergus	69,500	53,000	28	1,484,000	9	--	--	--	--
Golden Valley	--	--	--	--	--	--	--	--	--
Judith Basin	45,600	28,400	22	626,000	16	--	--	--	--
Lewis & Clark	11,300	10,500	52	548,000	19	5,500	4,700	64	300,000
Meagher	14,300	11,000	32	347,000	23	4,600	2,600	75	196,000
Musselshell	--	--	--	--	--	--	--	--	--
Petroleum	--	--	--	--	--	--	--	--	--
Wheatland	18,100	11,200	11	118,000	36	600	600	42	25,000
Other	17,900	6,300	27	169,000	--	10,100	2,600	50	129,000
<b>CENTRAL</b>	<b>239,000</b>	<b>179,000</b>	<b>30</b>	<b>5,305,000</b>	<b>--</b>	<b>38,000</b>	<b>26,000</b>	<b>60</b>	<b>1,551,000</b>
Beaverhead	6,700	2,100	59	123,000	34	6,600	2,000	60	119,000
Gallatin	36,700	35,400	54	1,924,000	5	12,300	11,300	79	896,000
Jefferson	--	--	--	--	--	--	--	--	--
Madison	7,600	3,000	59	177,000	31	6,600	2,700	61	166,000
Silver Bow	--	--	--	--	--	--	--	--	--
Other	2,000	1,500	35	52,000	--	1,500	1,000	29	29,000
<b>SOUTHWEST</b>	<b>53,000</b>	<b>42,000</b>	<b>54</b>	<b>2,276,000</b>	<b>--</b>	<b>27,000</b>	<b>17,000</b>	<b>71</b>	<b>1,210,000</b>
Big Horn	20,000	11,700	51	591,000	17	7,700	6,900	73	506,000
Carbon	11,000	9,400	84	787,000	14	8,800	8,600	89	766,000
Park	7,200	5,500	46	254,000	27	3,100	2,200	72	158,000
Stillwater	20,400	11,000	23	250,000	28	--	--	--	--
Sweetgrass	3,300	1,600	75	120,000	35	--	--	--	--
Treasure	4,000	2,900	74	216,000	29	2,500	1,900	104	197,000
Yellowstone	29,100	21,900	68	1,489,000	8	15,800	14,800	90	1,332,000
Other	--	--	--	--	--	4,100	2,600	77	201,000
<b>SOUTH CENTRAL</b>	<b>95,000</b>	<b>64,000</b>	<b>58</b>	<b>3,707,000</b>	<b>--</b>	<b>42,000</b>	<b>37,000</b>	<b>85</b>	<b>3,160,000</b>
Carter	--	--	--	--	--	--	--	--	--
Custer	7,800	1,600	48	77,000	38	1,300	800	70	56,000
Fallon	10,200	1,300	20	26,000	48	--	--	--	--
Powder River	6,000	2,800	15	42,000	46	--	--	--	--
Prairie	4,900	1,900	26	49,000	44	--	--	--	--
Rosebud	8,000	2,000	74	147,000	33	3,000	1,700	84	142,000
Wibaux	--	--	--	--	--	--	--	--	--
Other	15,100	2,400	22	52,000	--	700	500	58	29,000
<b>SOUTHEAST</b>	<b>52,000</b>	<b>12,000</b>	<b>33</b>	<b>393,000</b>	<b>--</b>	<b>5,000</b>	<b>3,000</b>	<b>76</b>	<b>227,000</b>
<b>MONTANA</b>	<b>1,200,000</b>	<b>950,000</b>	<b>42</b>	<b>39,900,000</b>	<b>--</b>	<b>275,000</b>	<b>224,000</b>	<b>71</b>	<b>15,960,000</b>

1/ Counties with less than 500 acres planted of one class of barley are combined into "other" counties to avoid disclosure of individual information.

## Agricultural Prices Received

April 2003 full month crop prices were mostly down compared with March 2003. Montana's winter wheat average price was \$3.32 per bushel, down \$0.41 from the previous month; spring wheat price was down \$0.26 to \$3.69 per bushel; and durum wheat prices decreased \$0.47 to \$4.27 per bushel. Feed barley prices rose \$0.08 from the previous month to \$2.24, and malt barley prices dropped \$0.10 to \$3.23 per bushel.

The mid-May price for alfalfa hay dropped \$2.00 to \$79.00 per ton and all other hay decreased \$1.00 to \$68.00 per ton. Mid-May grain prices were mostly higher than the previous month with winter wheat price averaging \$3.43 per bushel, spring wheat was \$3.70 per bushel, durum wheat was \$4.95 per bushel, feed barley was \$2.25 per bushel

and malt barley averaged \$3.43 per bushel.

Livestock prices for the full month of April were mixed compared to the previous month. Steer and heifer prices increased \$6.50 to \$82.90 per cwt while cows increased \$3.70 to \$43.50. The average price for calves was rose \$1.90 to \$95.40 per cwt. Sheep prices were down \$14.40 to \$31.10 per cwt and lamb prices were down \$14.00 to \$93.00 per cwt. Milk prices decreased \$0.10 per cwt from last month to \$11.20 per cwt. Steer and heifer prices for mid-May averaged \$84.50 per cwt.; cows averaged \$43.40 per cwt.; calves averaged \$98.60 per cwt.; and milk prices averaged \$11.20 per cwt.

Nationally, prices for April and changes from March were as follows: winter wheat was \$3.19, down \$0.13,

spring wheat was \$3.49, down \$0.22; durum wheat was \$3.98, down \$0.16; the all barley price was \$2.87, up \$0.03, and steer and heifer prices were \$78.80, up \$2.10 per cwt.

The U.S. mid-May winter wheat price was \$3.32 per bushel, spring wheat was \$3.61 per bushel, durum wheat was \$3.86 per bushel, all wheat was \$3.43 per bushel, malt barley was \$3.19 per bushel, feed barley was \$2.47 per bushel, and all barley was \$2.90. Steer and heifer prices were \$79.00 per cwt, cow prices were \$41.10, calves were \$99.30 per cwt., all hog prices were \$40.60 per cwt, and all egg prices were \$0.587 per dozen.

The May All Farm Products Index is 107 percent of its 1990-92 base, up 6 percent from the April index and 11 percent above the May 2002 index.

## United States Index Summary

INDEX (1990-92=100)	April 2002	May 2002	April 2003	May 2003
Prices Received	94	96	101	107
Prices Paid, Interest, Taxes, & Farm Wage Rates 1/	123	123	128	127
Ratio 2/	76	78	79	84

1/ Prices paid indexes (1990-92=100) published monthly. 2/ Ratio of index of prices received by farmers to index of prices paid.

## Montana Average Farm Prices Received

Commodity	UNIT	Monthly Average				Change From Previous		Mid-Month Average	
		Montana		U.S.		Month	Year	Montana	U.S.
		April 2002	March 2003	April 2003	April 2003	March 2003	April 2002	May 15 2003	May 15, 2003
		Dollars							
Winter Wheat	Bu.	3.04	3.73	3.32	3.19	-0.41	+0.28	3.43	3.32
Durum Wheat	Bu.	3.75	4.74	4.27	3.98	-0.47	+0.52	4.35	3.86
Spring Wheat	Bu.	3.05	3.95	3.69	3.49	-0.26	+0.64	3.70	3.61
All Wheat	Bu.	3.15	4.00	3.71	3.37	-0.29	+0.56	3.74	3.43
Barley, All	Bu.	2.49	2.95	2.88	2.87	-0.07	+0.39	3.02	2.90
Feed Barley	Bu.	2.04	2.16	2.24	2.22	+0.08	+0.20	2.25	2.47
Malt Barley	Bu.	2.92	3.33	3.23	3.14	-0.10	+0.31	3.43	3.19
Oats	Bu.	2.34	N/A	N/A	1.99	0	0	N/A	1.96
Alfalfa Hay	Ton	93.00	85.00	81.00	96.20	-4.00	-12.00	79.00	102.00
All Other Hay	Ton	84.00	72.00	69.00	86.40	-3.00	-15.00	68.00	87.30
All Hay Baled	Ton	91.00	84.00	79.00	94.50	-5.00	-12.00	78.00	99.20
Steers & Heifers	Cwt	77.40	76.40	82.90	78.80	+6.50	+5.50	84.50	79.00
Cows	Cwt	40.60	39.80	43.50	40.20	+3.70	+2.90	43.40	41.10
Beef Cattle 1/	Cwt	67.50	69.40	75.80	74.60	+6.40	+8.30	66.80	74.90
Calves	Cwt	94.30	93.50	95.40	99.10	+1.90	+1.10	98.60	99.30
Sheep 2/	Cwt	26.00	43.00	31.10	30.90	-11.90	+5.10	N/A	N/A
Lambs 2/	Cwt	62.80	107.00	93.00	93.60	-14.00	+30.20	N/A	N/A
All Milk	Cwt	12.90	11.30	11.20	11.00	-0.10	-1.70	11.20	11.10

1/ Composite of steers, heifers, and cows. 2/ Mid-month prices for sheep and lambs discontinued January 1996.

# Wheat: Supply, Disappearance, and Price, United States, 1985-2003

Year Begin- ning June 1	SUPPLY				DISAPPEARANCE						Ending Stocks May 31	Season Avg. Price
	Begin- ning Stocks	Prod- uction	Imports 1/	Total	Domestic Use				Exports 1/	Total Disap- pearance		
					Food	Seed	Feed 2/	Total				
---Million Bushels---												
1985 .	1,425	2,424	16	3,866	674	93	284	1,052	909	1,961	1,905	3.08
1986 .	1,905	2,091	21	4,017	712	84	401	1,197	999	2,196	1,821	2.42
1987 .	1,821	2,108	16	3,945	721	85	280	1,086	1,598	2,684	1,261	2.57
1988 .	1,261	1,812	23	3,096	715	103	157	975	1,419	2,394	702	3.72
1989 .	702	2,037	23	2,765	749	104	139	992	1,233	2,225	536	3.72
1990 .	536	2,730	36	3,302	790	93	482	1,365	1,068	2,434	868	2.61
1991 .	868	1,980	41	2,888	789	94	244	1,127	1,280	2,412	475	3.00
1992 .	475	2,467	70	3,012	834	99	194	1,128	1,354	2,481	531	3.24
1993 .	531	2,396	109	3,036	872	96	272	1,240	1,228	2,467	568	3.26
1994 .	568	2,321	92	2,981	853	89	344	1,287	1,188	2,475	507	3.45
1995 .	507	2,183	68	2,757	883	104	153	1,140	1,241	2,381	376	4.55
1996 .	376	2,277	92	2,746	891	102	308	1,301	1,001	2,302	444	4.30
1997 .	444	2,481	95	3,020	914	92	251	1,257	1,040	2,298	722	3.38
1998 .	722	2,547	103	3,373	908	81	397	1,385	1,042	2,427	946	2.65
1999 .	946	2,299	95	3,339	929	92	279	1,300	1,090	2,390	950	2.48
2000 .	950	2,232	90	3,272	950	80	304	1,334	1,062	2,396	876	2.62
2001 .	876	1,957	108	2,941	926	84	192	1,202	961	2,164	777	2.78
2002 .	777	1,616	78	2,472	935	84	125	1,144	860	2,004	468	3.56
2003..3/	468	2,176	100	2,744	930	85	175	1,190	950	2,140	604	2.90-3.50

1/ Imports and exports include flour and other products expressed in wheat equivalent. 2/ Residual, approximates feed use and includes negligible quantities used for distilled spirits. 3/ Preliminary. SOURCE: World Agricultural Supply and Demand Estimates, June 2003--ERS. Totals may not add due to independent rounding.

## COMING IN NEXT REPORTER

Crop Acreage	Sweet Cherry Production
Red Meat Production	Egg Production
Cattle on Feed	Grain Stocks
Milk Production	Hogs & Pigs
Potato Stocks	

Peggy Stringer, State Statistician  
Curtis E. Lund, Deputy State Statistician  
Retta Johnson, Editor  
10 W. 15th Street, Suite 3100, Helena, Montana 59626  
406-441-1240 or 1-800-835-2612  
[www.nass.usda.gov/mt/](http://www.nass.usda.gov/mt/)      [nass-mt@nass.usda.gov](mailto:nass-mt@nass.usda.gov)